

**WyreStorm**



TOTAL **HD**  
**VIDEO & AUDIO DISTRIBUTION & CONTROL** SOLUTIONS

# WHY

# WYRESTORM?

YOUR **GLOBAL TOTAL AV**  
**SOLUTIONS** PROVIDER.

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**AWARD WINNING** PRODUCTS.

**INDUSTRY LEADING** TECHNOLOGY.

PROVEN **EXPERIENCE WORLDWIDE.**

**UNPARALLELED** TECHNICAL & CUSTOMER SUPPORT.



## THE RIGHT PRODUCT & PRICE

WyreStorm delivers leading-edge AV distribution and basic control solutions that are designed by integrators for integrators. We offer the most comprehensive range of competitively priced residential and commercial electronic systems solutions available.

## QUALITY & RELIABILITY

WyreStorm is a prime manufacturer with proprietary R&D and production facilities in Shenzhen, China. We improve margins through streamlined design, manufacturing and logistics while maintaining the utmost in product quality, reliability and innovation.

## HDBASET TECHNOLOGY

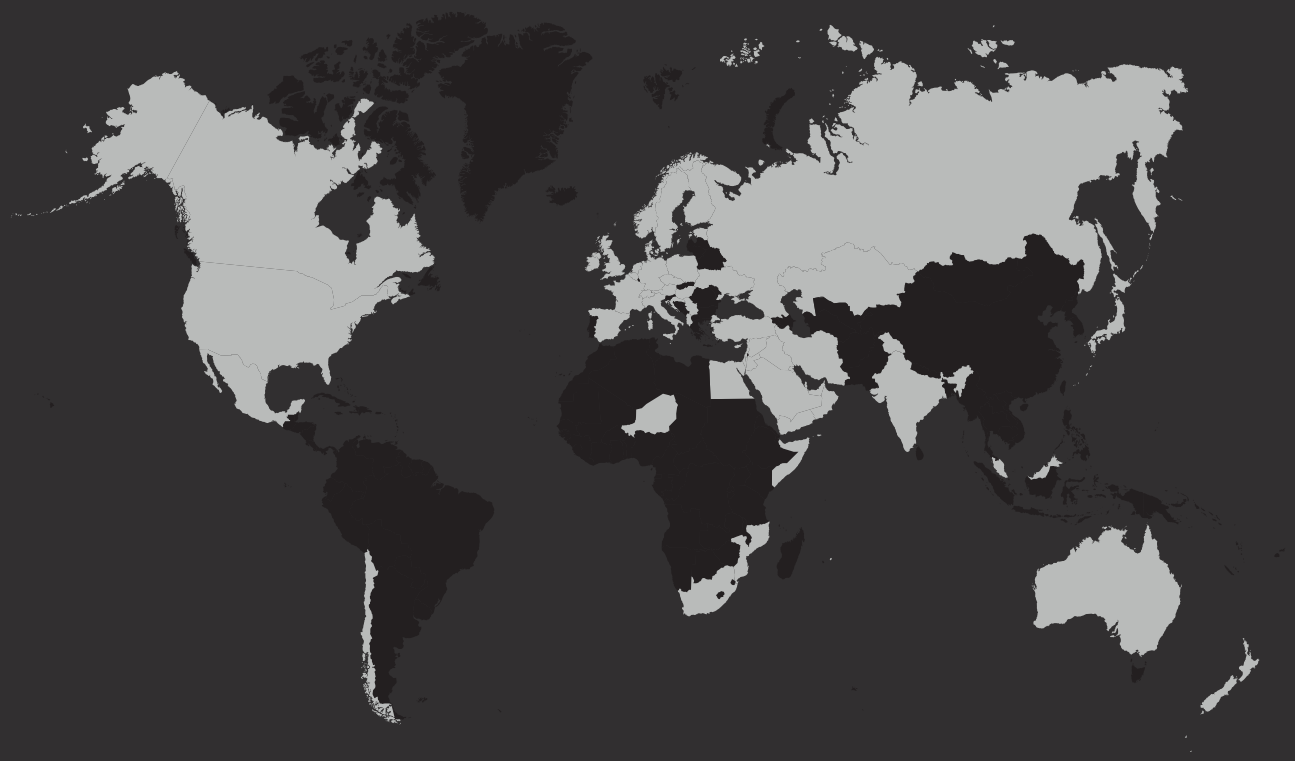
WyreStorm is an HDBaseT Alliance member and leading adopter of HDBaseT technology, offering more HDBaseT-based products than any manufacturer today.

## COMMITMENT TO YOU

WyreStorm is committed to supporting our distribution partners and integration customers worldwide. We strive for 100% satisfaction in everything we do.

## GLOBAL DISTRIBUTION & SUPPORT

WyreStorm solutions are sold in 40 countries worldwide, available exclusively through approved partners. WyreStorm maintains headquarters, sales, technical and marketing support in the U.S. and U.K.





# NETWORK HD

## BEYOND THE BOUNDARIES OF HD

### Powerful Video Wall Management. Simple Control.

Following significant investment in R&D, WyreStorm is pleased to introduce NetworkHD™, Our HDMI over IP solution with powerful KVM and video wall functionality utilizing JPEG2000 technology to provide extremely reliable, near limitless HD distribution when configured with a dedicated gigabit switch.

Featuring scalable, fully modular system architecture that removes the fixed I/O limitations of matrix switching, JPEG2000 compression enables virtually lossless encoding of full 1080P HD video including PoE, USB for KVM and stereo audio breakout up to 100m/328ft.

Configuration takes minutes with transmitters and receivers added in seconds to meet the needs of any application and Bonjour technology automatically discovering connected components.

Controlled via IR and RS232 with compatibility with leading third party control systems, including WyreStorm's Enado™ control solution, with NetworkHD the power and flexibility of HD over IP has never been such an affordable reality.

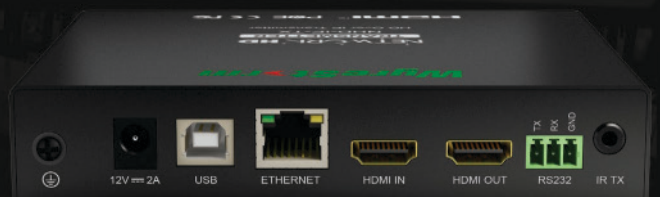
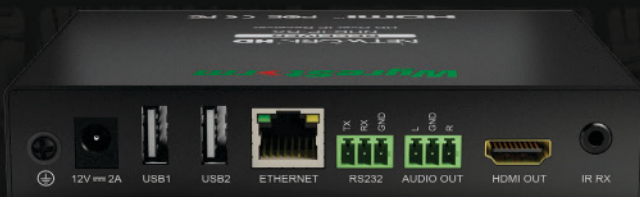


# JPEG2000

# VISUALLY LOSSLESS

# HD DISTRIBUTION WITH KVM





## NHD-IP-TX, NHD-IP-RX, NHD-IP-CTL

- Fully Modular System Architecture
- Enado Control & PC software management
- Control Centre grade video wall Management
- Full HD 1080P JPEG 2000 visually lossless encoding
- Power over Ethernet (PoE), USB for KVM, RS232 and Stereo Audio Breakout

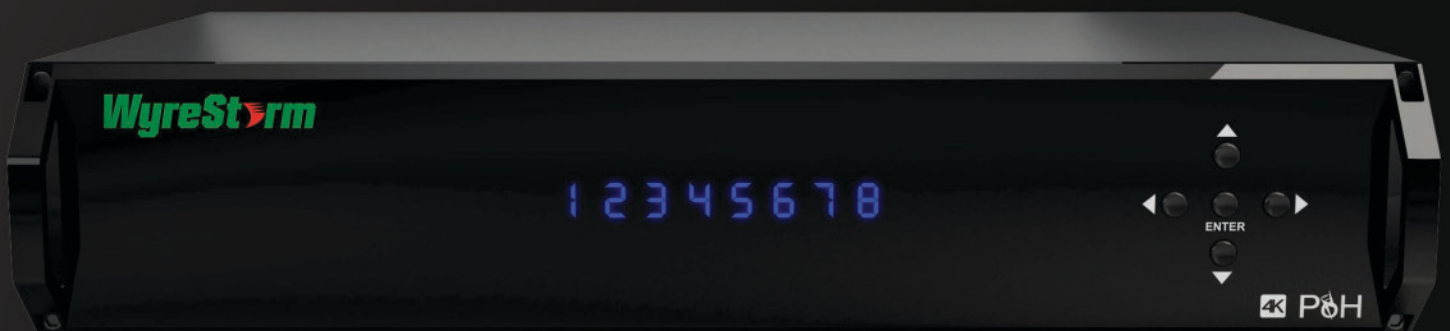
# WYRESTORM 4K ULTRA HD MATRIX

## One Matrix. Endless System Solutions.

Featuring the latest HDBaseT and Ultra HD technologies, WyreStorm's new mid-sized 4K matrix is designed for projects that demand the highest level of performance distributing Ultra HD 4K content.

### MX-0808-PP-POH-4K

- Video sources up to 3840x2160 @ 30Hz & 24Hz
- Supports 60Hz with software update
- Audio up to 7.1 DTS Master HD & Dolby TrueHD
- Full range 4:2:2 colour palette @ 4k/24-bit (30Hz)
- 48-bit deep colour supported @ 1080P/60Hz
- 3D up to 1080P @ 60Hz
- DIP Switches for EDID management
- Flexible control options: IR, RS232, and LAN control
- 3rd party control integration
- 4k Transmission up to 70m, 1080p up to 100m
- PoH for single cable connection at TV
- Route serial commands to receiver via matrix



MX-0808-PP-POH-4K



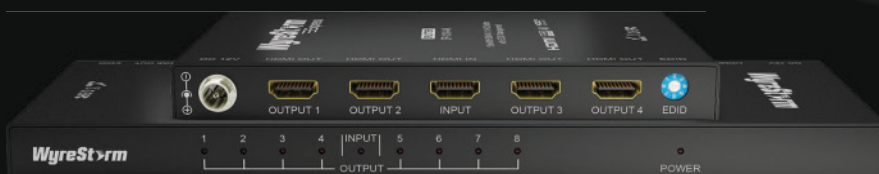


## MX-0808-4K

- Video sources up to 3840x2160 @ 30Hz & 24Hz
- Supports 60Hz with software update (60Hz Ready)
- Audio up to 7.1 DTS Master HD & Dolby TrueHD
- Full range (0-255) RGB colour palette @ 4k/24-bit (30Hz)
- 48-bit deep colour supported @ 1080P/60Hz
- 3D up to 1080P @ 60Hz
- DIP Switches for EDID management
- Flexible control options: IR, RS232, and LAN control
- 3rd party control integration
- Audio overlay via toslink or coaxial S/PDIF
- ARC support from HDMI outputs to digital audio outs
- Digital audio outs can also de-embed source audio



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4K Splitters



4K Extenders



# EXTENDERS



## Thin is in!

With ever more devices being added behind the TV and TVs getting thinner, we now provide the industry's lowest profile HDBaseT extenders. These new products provide both powered and POH (Power over HDBaseT) technology, including 2-way POH to give the option of powering from either end, receiver or transmitter.



EX-40

- New Low Profile 18mm Chassis
- 1080p to 40m
- 2-Way IR
- CEC pass-through
- EDID Management



EX-70-4K

- Industry's slimmest HDBaseT extender with 15mm Chassis
- 4k to 35m
- 1080p to 70m
- 2-Way IR
- Serial pass-through
- PoH
- CEC pass-through



EX-100-4K

- 18mm thickness
- 4k to 70m
- 1080p to 100m
- 2-Way IR
- Serial pass-through
- 2-Way PoH
- 10/100 Ethernet
- CEC pass-through
- EDID Management

Now with 2-way Power Over HDBaseT. Power at Receiver or Transmitter end.

## New SDI (Coax) Extenders

- 50m HDMI over SDI Cascading Extender with 2-way IR & RS232
- Transmits 1080p 3D video @ 24-bit colour up to 50m of coaxial cable
- Compatible with HD audio formats
- 2-way IR between transmitter and receiver
- Transmitter has two synchronous SDI outputs meaning the signal can be sent in 2 different directions
- Receiver has SDI loop - through meaning signal can be cascaded to multiple receivers in a 'daisy-chain'



EX-SDI-50



## WyreStorm 2 Input, 1 Output Extender

- 2:1 switching between VGA and HDMI inputs to HDMI output
- Robust HDBaseT technology for reliable distribution of lossless 1080p HD video and audio
- Transmission distance up to 100m/328ft
- Power-over-HDBaseT (PoH) capability – power to display receiver supplied by transmitter over Cat5e/6 cable. No mains power required at display zones
- Automatic input detection (VGA preferred)
- HDMI V1.3 compliant
- Full 3D support - frame packing/sequential (Blu-Ray) and interlaced stereoscopic (satellite/cable broadcasts)
- Receiver includes audio breakout port
- Mini USB for firmware updates
- HDCP compliant
- Compact size for convenient and unobtrusive installation



SW-0201-HDBT-POH

## A Matrix for all conditions

WyreStorm is one of the industry's top manufacturers of HDBaseT distribution solutions. Our new Modular Matrix product offerings consist of 8-way and 16-way chassis options. The system is configured by adding Transmission Cards. The cards provide installers with the ability to integrate both digital and analogue devices, expand matrices to cover additional zones as well as allow for remote inputs and outputs for connecting even more source equipment.

**NOW  
SHIPPING**



**MX-0808-PP-POH-CUSTOM**



**MX-1616-PP-POH-CUSTOM**



# GO CONFIGURE

Build your own matrix online with the WyreStorm  
**Modular Matrix System Planner™.**



**TX-POH-010** - HBaseT Out, HDMI Out, HDMI In, IR In

**TX-POH-020** - HBaseT Out, Source loop, HDMI In, IR In

**TX-POH-030** - HBaseT Out, Audio breakout, HDMI In, IR In

**TX-POH-040** - HBaseT Out, HDMI Out, Audio In, IR In

**TX-POH-050** - HBaseT Out, DVI Input, IR In

**TX-POH-060** - HBaseT Out, IR In

**TX-POH-070** - HBaseT Out, VGA + Stereo Audio In, IR In

**TX-POH-080** - HDMI Input only

**TX-POH-090** - HBaseT out, Component + audio, IR in

**TX-POH-100** - HDMI out, HBaseT In, IR in, RS232

**TX-POH-110** - HDMI in, HDMI out, source loop HDMI out



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ONE MATRIX. ENDLESS SOLUTIONS.

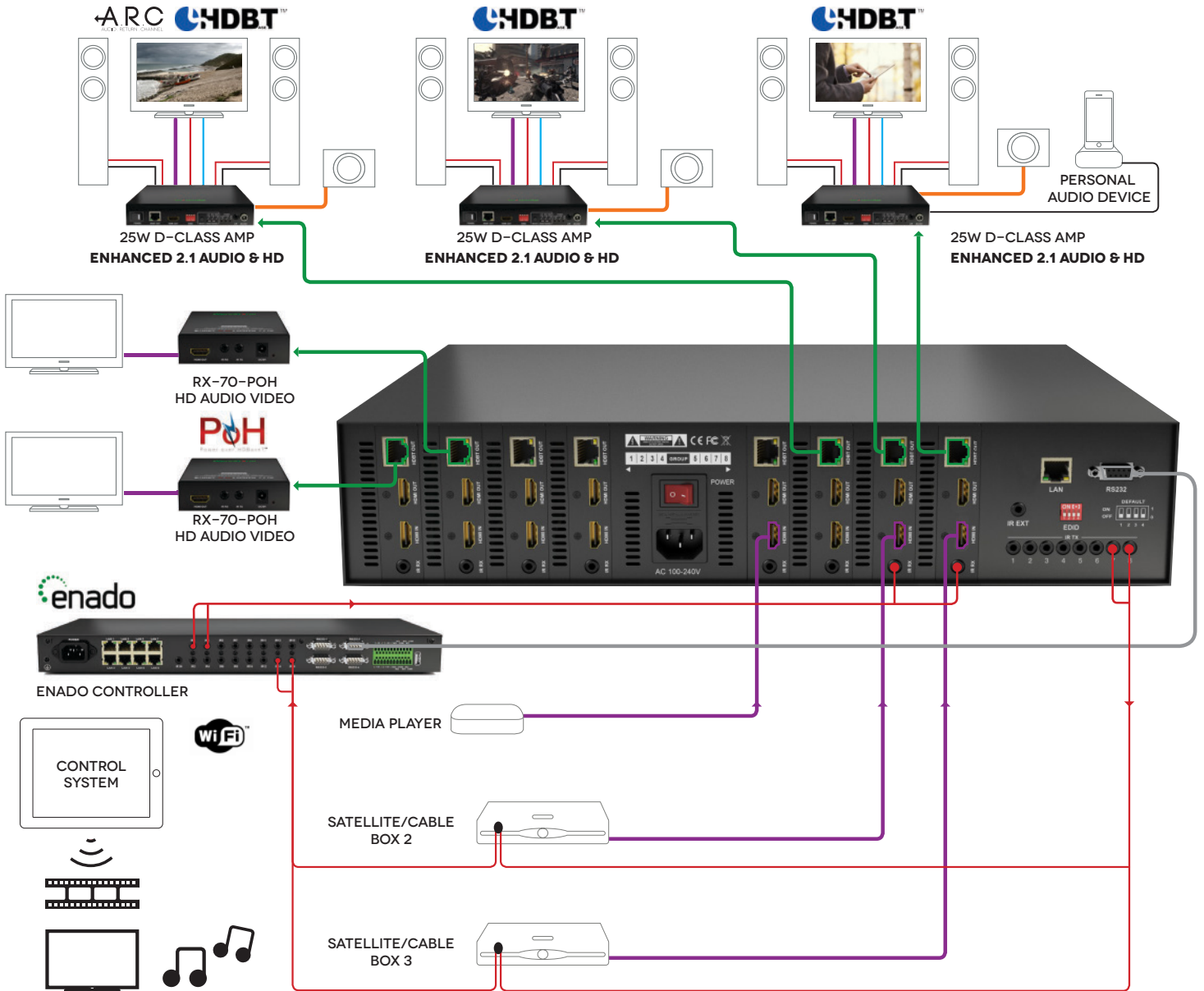


## Video + Audio + Control

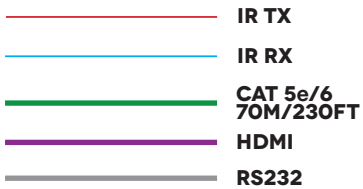
Our new browser based control solution, Enado™ provides complete control over the WyreStorm family of products. Setup, updates and additions can be done in minutes. With a very intuitive user interface, Enado is extremely easy to use. And because Enado utilizes HTML 5 technology, it can be operated on most any device. From tablets and smart phones to EPOS systems in bars and restaurants, Enado sets a new standard in AV control.



From a modest single room installation to a large, multi-million dollar mansion project, WyreStorm Total AV Solutions are designed to provide the utmost in scalable 4K/Full HD Distribution and Control. Enado makes it easy, regardless of size.



#### KEY



#### KIT LIST

- 2x RX-70-POH
- 1x ENA-001-010
- 3x AMP-001-010
- 1x MX-0808-PP-POH-CUSTOM





# ONE BOX HD DISTRIBUTION & AUDIO REINFORCEMENT

## 4x4 HDBaseT Matrix Including 4 x 70m/230ft Slimline HD Display Receivers MX-0404-PP-KIT

### HIGH SPEC, LOW PROFILE



- 4x4 HDBaseT Matrix HD Switcher and 4
- Slimline HDBaseT Display Receivers included for quick and easy installation straight out of the box
- Capable of 1080p HD video @60Hz and HD multichannel audio distribution, bi-directional control via IR and RS232 up to 70m/230ft per output
- Quick-sync feature allows for instant switching of source signals
- Further control is achievable via RS232 & LAN including full compatibility and integration with leading control systems
- New Slimline receivers provide two-way discrete IR control capability

## 70m (230ft) HDBaseT Class D Digital Amplifier AMP-001-010



- Combined HDBaseT Repeater, Receiver and Class D Amplifier – all-in-one
- 3 Audio input options – Audio from centralized source via HDBaseT Matrix device, Audio Return Channel (ARC) from TV or local audio input via 3.5mm jack
- Cascadable up to 7 times from a single transmitting device (Matrix or HDBaseT transmitter)
- 50m/164ft PoH Passthrough to compatible display receivers (RX-70-POH)
- HDBaseT Input, HDBaseT Output
- Can be used centrally at rack, In-line close to speakers, wall mounted or locally at display location
- 70m/230ft transmission between transmitting device and
- EDID management and pre-sets via DIP switch
- AMPs addressable via RS232

## HDMI ESSENTIALS, MADE SIMPLE.



### WYRESTORM EXPRESS

Our Express products have been selected with the fundamentals of HD distribution in mind to offer simple, cost-effective solutions for switching, splitting, and extending HDMI transmissions whatever your project.

With the same quality of design, materials and construction found in all our products, WyreStorm Express aims to provide basic AV solutions without compromising on quality.



WyreStorm Express products offer, switchers, DAC's, surge protection and cable solutions, all 3D compatible and designed to work with the latest video source components (satellite and cable boxes), gaming devices and flat panel TV displays.



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RESIDENTIAL INSTALLATION  
MONTEBELLUNA, ITALY



HOME OFFICE INSTALLATION  
USA



LUXURY HOME INSTALLATION ITALY



BARRIER MERCEDES  
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